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(54) **Ethylene-propylene copolymer.**

(57) The present invention relates to new ethylene-propylene copolymers and to a process for preparing the same. The present copolymers are characterized by having both of a reactivity ratio product $r_1 r_2$ between 0.5 and 1.5 and an isotactic index greater than 0. The present copolymers may be obtained by copolymerizing ethylene and propylene in the presence of a metallocene catalyst catalyst containing a group IVb metal and an alumoxane co-catalyst.

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EUROPEAN SEARCH REPORT

Application Number

EP 89 12 2919

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	EP-A-0 185 918 (HOECHST) * Claims 1-3; examples 7,8; page 4, paragraph 1; page 3, lines 18-19; table 1; page 5, paragraphs 1,2 *	1-11	C 08 F 210/06 C 08 F 4/642
X	EP-A-0 074 194 (SHOWA DENKO) * Claims 1,2; page 2, line 31 - page 8, line 20 *	1-7	
X	US-A-4 340 704 (I. BORGHINI et al.) * Claim 1; column 2, line 40 - column 4, line 17 *	1-7	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C 08 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 15-04-1992	Examiner DE ROECK R.G.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : member of the same patent family, corresponding document	

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